



Recombinant Rat Melanoma-associated antigen D1 (Maged1)

Product Code	CSB-EP866840RA-B
Abbreviation	Maged1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9ES73
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	<p>MAQKPDGGAG LRGFQAEASV EDSALLVQTL MEAIQISEAP PTSQATAAAS GPNASPQSSQ PPTANEKADT EVSAAAARPK TGFKAQNTTT KGPNDYSQAR NAKEMPKNQP KVAFKSQNAT SKGPHAASDF SHAASTGKSA AKKSEMAFKG QNTTTKAGPS ATYNFTQSPS ANEMTNNQPK TAKAWNDTTK IPGADAQTQN VNQAKMADVG TSAGISETDG AAAQTSADGS QAQNVESRTI IRGKRTRKIN NLNVEENSNG DQRRASLASG NWRSAVPVPT TQNPPGAPPN VLWQTPLAWQ NPSGWQNQTA RQTTPARQSP PARQTPSAWQ NPVAWQNPVI WPNPVIWQNP VIWPNPIVWP GPIVWPNPMA WQSTPGWQSP PSWQAPPSWQ SPQDWQGPPD WQLPPDWSMP PDWSFPSDWP FPPDWIPADW PIPPDWQNL R PPNLRSSPN SRASQNGGPP QPRDVALLQE RANKLVKYLK LKDYTKVPIK RSEMLRDIIR EYTDVYPEII ERACFVLEKK FGIQLKEIDK EEHLYILIST PESLAGILGT TKDTPKLGLL LVILGIIFMN GNRATEAVLW EALRKMGLRP GVRHPLLGLD RKLLTYEFVK QKYLDYRRVP NSNPPEYEFL WGLRSYHETS KMKVLRFAIE VQKRDPDWT AQFMEEADEA LDALDAAAAE AEARAEARNR MGIGDEAVSG PWSWDDIEFE LLTWDEEGDF GDPWSRIPFT FWARYHQNAR SRFPQAFTGP IIGPSGTATA NFAANFGAIG FFWVE</p>
Source	E.coli
Target Names	Maged1
Protein Names	Recommended name: Melanoma-associated antigen D1 Alternative name(s): MAGE-D1 antigen Neurotrophin receptor-interacting MAGE homolog Sertoli cell necdin-related gene protein 1 Short name= SNERG-1
Expression Region	1-775
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein



Target Details

This gene is a member of the melanoma antigen gene (MAGE) family. Most of the genes of this family encode tumor specific antigens that are not expressed in normal adult tissues except testis. Although This protein shares strong homology with members of the MAGE family, it is expressed in almost all normal adult tissues. This gene has been demonstrated to be involved in the p75 neurotrophin receptor mediated programmed cell death pathway. Three transcript variants encoding two different isoforms have been found for this gene.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.